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FACSIMILE COVER SHEET

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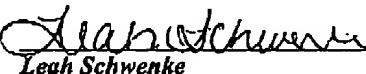
Deliver to: Steelman, Mary J., USPTO Art Group: 2191
 Facsimile No.: 703-872-9306 Date: July 14, 2005
 From: Ashley R. Ott, Reg. No. 55,515
 Our Docket No.: 42390P12861 Number of pages 15 including this sheet.
 Application No.: 09/975,864 Filing Date: 10/11/2001
 Docket Due Date(s): 7/19/2005

Enclosed are the following documents:

<input checked="" type="checkbox"/> Amendment: <u>After Final</u> (<u>12</u> pgs)	<input type="checkbox"/> Issue Fee Transmittal
<input type="checkbox"/> Appeal Brief (<u> </u> pgs)	<input type="checkbox"/> Notice of Appeal
<input type="checkbox"/> Application: _____ <u>(pgs) w/cover & abstract</u>	<input type="checkbox"/> Petition for: _____
<input type="checkbox"/> Assignment & Cover Sheet (<u> </u> pgs)	<input type="checkbox"/> Request for Continued Examination (RCE)
<input checked="" type="checkbox"/> Certificate of Facsimile & Mailing	<input type="checkbox"/> Reply Brief (<u> </u> pgs)
<input type="checkbox"/> Continued Prosecution Application (CPA)	<input type="checkbox"/> Request & Certification Under 35 USC 122(b)(2)(B)(i)
<input type="checkbox"/> Declaration & POA (<u> </u> pgs)	<input type="checkbox"/> Request to Rescind Previous Nonpublication Request
<input type="checkbox"/> Drawings: <u> </u> sheets, <u> </u> figures	<input type="checkbox"/> Response to Notice of Missing Parts & Formalities Letter
<input type="checkbox"/> Extension of Time: _____	<input type="checkbox"/> Response to Written Opinion (<u> </u> pgs)
<input checked="" type="checkbox"/> Fee Transmittal (in duplicate)	<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> IDS & PTO/SB/08 (<u> </u> pgs)	<input type="checkbox"/> Transmittal of Publication Fee Due
<input type="checkbox"/> Other _____	<input type="checkbox"/> Transmittal Letter

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.84)

I hereby certify that this correspondence is being transmitted by facsimile on the date shown below to the United States Patent and Trademark Office.


Leah Schwenke 7/14/2005
Date

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FEE TRANSMITTAL for FY 2005		Complete if Known	
Patent fees are subject to annual revision.		Application Number	09/975,864
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		Filing Date	October 11, 2001
TOTAL AMOUNT OF PAYMENT (\$)		First Named Inventor	Williams L. Harrison
0.00		Examiner Name	Steelman, Mary J.
		Art Unit	2191
		Attorney Docket No.	42390P12861
METHOD OF PAYMENT (check all that apply)			
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____			
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP			
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)			
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee			
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) <input checked="" type="checkbox"/> Credit any overpayments			
under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.			
FEE CALCULATION			
1. EXTRA CLAIM FEES			
Total Claims	28	Extra Claims	Fee from below
Independent Claims	4	4" = 0	X 50.00 = \$0.00
Multiple Dependent			
Large Entity	Small Entity		
Fee Code (\$)	Fee Code (\$)	Fee Description	
1202 50	2202 25	Claims in excess of 20	
1201 200	2201 100	Independent claims in excess of 3	
1203 300	2203 180	Multiple Dependent claim, if not paid	
1204 300	2204 150	**Reissues independent claims over original patent	
1205 300	2205 150	**Reissues claims in excess of 20 and over original patent	
SUBTOTAL (1)		(\$ 0.00)	
*or number previously paid, if greater. For Reissues, see below			
2. ADDITIONAL FEES			
Large Entity	Small Entity	Fee Description	
Fee Code (\$)	Fee Code (\$)		
1051 130	2051 85	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
2053 130	2053 130	Non-English specification	
1251 120	2251 60	Extension for reply within first month	
1252 450	2252 225	Extension for reply within second month	
1253 1,020	2253 510	Extension for reply within third month	
1254 1,590	2254 795	Extension for reply within fourth month	
1255 2,160	2255 1,080	Extension for reply within fifth month	
1401 500	2401 250	Notice of Appeal	
1402 500	2402 250	Filing a brief in support of an appeal	
1403 1,000	2403 500	Request for oral hearing	
1451 1,510	2451 1,510	Petition to Institute a public use proceeding	
1480 130	2480 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1808 180	1808 180	Submission of Information Disclosure Stmt	
1809 780	1809 385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810 780	2810 385	For each additional invention to be examined (37 CFR § 1.129(b))	
Other fee (specify) Status Inquiry Request		Fee Paid	
SUBTOTAL (2)		(\$ 0.00)	

SUBMITTED BY						Complete (if applicable)	
Name (Print/Type)	Ashley R. Ott	Registration No. (Attorney/Agent)	55,515	Telephone	(303) 740-1980	Date	07/14/05
Signature	Ashley Ott						

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (wtr) 12/15/2004.
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FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$ 0.00)

Complete If Known	
Application Number	09/975,864
Filing Date	October 11, 2001
First Named Inventor	Williams L. Harrison
Examiner Name	Steelman, Mary J.
Art Unit	2191
Attorney Docket No.	42390P12861

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayment of fee(s) Credit any overpayments
under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

FEE CALCULATION

1. EXTRA CLAIM FEES

Total Claims	28	28	Claims	below	Fee Paid
Independent Claims	4	4	0	X	\$0.00
Multiple Dependent			0	X	\$0.00

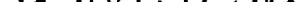
Large Entity		Small Entity		
Fee	Fee (%)	Fee	Fee (%)	Fee Description
1202	50	2202	25	Claims in excess of 20
1201	200	2201	100	Independent claims in excess of 3
1203	350	2203	160	Multiple Dependent claim, if not paid
1204	300	2204	160	**Reissue Independent claims over original patent
1205	300	2205	150	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (1)			(5)	0.00

*For number previously paid, if greater. For Reissuers, see below.

2. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1051	130	2051	65	Surcharge - late filing fee or oath
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet
2053	130	2053	130	Non-English specification
1251	120	2251	60	Extension for reply within first month
1252	450	2252	225	Extension for reply within second month
1253	1,020	2253	510	Extension for reply within third month
1254	1,580	2254	755	Extension for reply within fourth month
1255	2,160	2255	1,080	Extension for reply within fifth month
1401	500	2401	250	Notice of Appeal
1402	500	2402	250	Filing a brief in support of an appeal
1403	1,000	2403	500	Request for oral hearing
1451	1,510	2451	1,510	Petition to Institute a public use proceeding
1450	130	2460	130	Petitions to the Commissioner
1607	50	1807	50	Processing fee under 37 CFR 1.17(q)
1808	180	1806	180	Submission of Information Disclosure Stmt
1809	750	1809	325	Filing a submission after final rejection (37 CFR 1.17(q))
1810	790	2810	395	For each additional invention to be examined (37 CFR 1.17(q))
Other fee (specify)		Status Inquiry Request		

SUBMITTED BY

Name (Person/Type)	Ashley R. Ott	Registration No. (Attorney/Agent)	55,515	Telephone	(303) 740-1980
Signature				Date	07/14/05

Based on PTO/SB/17 (12-04) as modified by Blakey, Sokoloff, Taylor & Zaifman (w/r) 12/15/2004.
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JUL 14 2005

**RESPONSE UNDER 37 C.F.R. § 1.116
- EXPEDITED PROCEDURE -
EXAMINING GROUP 2100**

Our Docket No.: 42P12861

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Harrison III)	Examiner: Steelman, Mary J.
Application No.: 09/975,864)	Art Group: 2191
Filed: October 11, 2001)	
For: Method and System for Type Demotion of Expressions and Variables by Bitwise) <u>Constant Propagation</u>)	

RESPONSE AFTER FINAL

Mail Stop: AF
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

In response to the Final Office Action mailed on May 19, 2005, which was made final, applicant submits this Amendment After Final Action for consideration.

FIRST CLASS CERTIFICATE OF MAILING/FACSIMILE

I hereby certify that I am causing the above-referenced correspondence being facsimile transmitted to the Patent and Trademark Office and to be deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and that this paper or fee has been addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

July 14, 2005

Date of Deposit

Leah Schwenke

Name of Person Mailing Correspondence

Leah Schwenke

Signature

7/14/05

Date

Docket No.: 42P12861
 Application No.: 09/975,864